

## **WAC 197-11-960 Environmental Checklist.**

### **ENVIRONMENTAL CHECKLIST**

#### *Purpose of checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

#### *Instructions for applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

#### *Use of checklist for nonproject proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

#### **A. BACKGROUND**

1. Name of proposed project, if applicable: ***Humptulips Hatchery Stevens Creek Intake***
2. Name of applicant: ***Washington Department of Fish and Wildlife***
3. Address and phone number of applicant and contact person:

***Washington Department of Fish and Wildlife  
Capitol Assets and Management Program  
600 Capitol Way North  
Olympia, WA 98501-1091***

***Contact Person: Marty Peoples  
Fish and Wildlife Biologist  
Telephone Number: (360) 902-8426  
Fax Number: (360) 902-8367  
E-Mail: Marty.Peoples@dfw.wa.gov***

4. Date checklist prepared: **December 6, 2013**

5. Agency requesting checklist: **WASHINGTON DEPARTMENT OF FISH AND WILDLIFE**

6. Proposed timing or schedule (including phasing, if applicable):

*WDFW proposes to do this project in 2014.*

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

*No additional activity or expansions are planned.*

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

*A biological evaluation for this project will be prepared.*

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

*There are no pending applications associated with or affecting this project.*

10. List any government approvals or permits that will be needed for your proposal, if known.

*A WDFW Hydraulic Project Approval, a Grays Harbor County Shorelines Permit and a Corp of Engineers Section 404 Permit will be needed.*

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

*WDFW proposes to construct a new point of diversion (water intake) on Stevens Creek to serve the Humptulips Hatchery. The Humptulips River Hatchery, located at the confluence of the Humptulips River and Stevens Creek, has been operating as a state salmon and steelhead hatchery since 1976. This hatchery has contributed significantly to local and regional fisheries including recreational, tribal and commercial fisheries. The hatchery has two water sources. The primary water source is the Humptulips River and the secondary water source is Hatchery Creek. Adult salmon returning to the Humptulips Hatchery collection facility access the hatchery through a fishway located on Stevens Creek.*

*Each fall significant straying of hatchery origin fish occurs when adult salmon migrate past the mouth of Stevens Creek (and the collection facility). These hatchery fish swim upstream into the upper Humptulips watershed and spawn with native stocks. This straying occurs because juvenile fish are imprinted on Humptulips River water and not Stevens Creek. This new intake will allow juvenile fish to be imprinted on Stevens Creek water before release and reduce straying as adults and associated genetic impacts to native stocks in the Humptulips River basin.*

*The specific individual components of this project are:*

*1. Cofferdam and Work Area Isolation: Water intake construction and rock vane placement will be done in the dry by isolating the in-stream work area using super sacks and plastic sheeting to form cofferdams. These cofferdams will span approximately one half the stream width allowing flow past the work area. The intake side will be isolated first to allow for intake construction and partial rock vane placement. After this work is complete the cofferdam will be moved to isolate of the other stream side and allow for rock barb completion. The isolated work area within the cofferdams will be dewatered by pumping turbid water to an upland area for settling and infiltration. Additional pumping of clear water within the isolated work area may occur if excessive seepage is encountered. This clear water would be collected and pumped over the barrier into the stream. Fish removal will occur prior to all dewatering phases.*

*2. Water Intake: The new intake will be constructed approximately 30 feet upstream of the existing adult salmon fishway. The intake will consist of a concrete structure with metal slotted screens on the right (west) bank of the creek. The intake structure is all concrete approximately 30 feet in length, with two pumps mounted at the rear of the structure approximately 20 feet back from the intake screen face. A rock apron will be placed at the outer edge of the concrete base to prevent undermining scour. The bank will be armored upstream and downstream of these walls for a distance of 10 feet to control local turbulent scour at the structure transitions. Existing riprap in this area will be used along with imported rock from a local quarry.*

*The main water source for the hatchery will continue to be the Humptulips River after project completion. The Stevens Creek intake will be used seasonally to provide water for imprinting juvenile fish. After the Stevens Creek water is circulated through the hatchery ponds it will flow down the fishway ladder and back into the creek immediately downstream from the intake. This is considered a non-consumptive use and will not result in a section of Stevens Creek becoming dewatered during intake usage.*

*3. Rock Vanes: Two rock vanes will be constructed to prevent the stream thalweg from shifting away from the intake. These rock vanes are not intended to move the stream from its existing channel but only to maintain the stream in its current location. The material for the rock vanes will be onsite streambed material, imported rock and habitat boulders. The calculated 100 year flood level along the creek will not be impacted.*

4. *Mitigation: Riparian plantings and large woody debris structures will be installed as mitigation for the project impacts to aquatic habitat. Approximately 26,672.9 square feet of riparian area will be planted with a mixture of native trees and shrubs. Recent knotweed control has resulted in voids in existing riparian vegetation allowing for the opportunity to re-establish native vegetation in the riparian area through these mitigation plantings. Large woody debris will be added in side channel areas upstream of the intake through the placement of engineered log jams and habitat log structures for a total of 7791 square feet of in-water mitigation. Project impacts to aquatic habitat are calculated to be 13,045.5 square feet.*

#### Conservation Measures

*Conservation measures will be taken during construction to minimize impacts to fish and wildlife species and habitat. Conservation measures that will be taken include providing dust abatement capabilities and using BMP's to eliminate any erosion potential that may result from storm water during construction periods. The specific measures are:*

- 1. Any storm water runoff will be contained using erosion control Best Management Practices. Specifically, a silt fence will be installed around upland construction sites to filter sediment which may be suspended in runoff water.*
- 2. In-stream work areas will be isolated from surface waters to prevent sediment laden water from impacting waters outside the work area and to protect fish resources.*
- 3. Equipment will be washed before entering the job site and inspected daily for fuel or lubricant leaks.*
- 4. Equipment staging and fueling areas will be completely isolated from surface waters to avoid the possibility of impacts to surface waters resulting from fueling or staging activities.*
- 5. Erosion control seeding and final seeding will be applied to surfaces subject to erosion.*

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

*The Humptulips Hatchery site is located 26 miles north Hoquiam just off Highway 101. After leaving Hoquiam, proceed on Highway 101 until reaching Humptulips. Turn left onto Kirkpatrick Road and proceed 1.5 miles. The hatchery is the first left immediately after crossing the bridge over Stevens Creek. The Humptulips Hatchery is located in Grays Harbor County, Section 12, Township 20 N, and Range 11 W, at 47.23148 N lat./- 123.98512 W long .*

#### B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . .

b. What is the steepest slope on the site (approximate percent slope)?

67%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

*The soil is classified as Humptulips silt loam. Some of the site is surfaced with imported crushed rock aggregate.*

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

*There are no indications of unstable soils.*

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

*A total of 12 cubic yards of concrete will be installed below ordinary high water mark. Concrete installation will only occur within areas previously isolated from the stream and freshly poured concrete will not come into contact with surface waters. A total of 422 cubic yards of rip rap, habitat boulders, and angular rock mix (see drawings for matrix) will be used below OHW. Rip rap will be acquired at a local quarry. 390 cubic yards of soil backfill will also be placed from previous excavation.*

*For all project components within the stream construction area (below OHW), there will be a cut of 837 cubic yards of material below OHW, and a fill of 824 cubic yards, leaving a net cut of 13 cubic yards below OHW.*

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

*Yes, minor erosion could occur during rainfall events while in construction but is not likely. In water work areas will be dewatered and isolated from surface waters. Disturbed upland areas will be isolated using a silt fence to prevent sediment laden water from reaching Stevens Creek. Other best management practices will be employed including using straw and seeding to stabilize disturbed soils. Work will be done during periods of low precipitation.*

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

*The specific site will have 5% covered by impervious surfaces coverage.*

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

*Any potential erosion will be prevented using erosion control Best Management Practices.*

*Specifically, a silt fence will be installed around upland sites and a temporary barrier will isolate aquatic construction sites from surface waters.*

## **2. Air**

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

*Vehicle exhaust and dust from construction is expected. No long-term change in emissions is expected from the completed project.*

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

*No.*

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

*Equipment will be maintained and inspected to ensure proper function of all emissions control equipment.*

## **3. Water**

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

*Stevens Creek is within the project site.*

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

*Yes, all components of this project are directly adjacent to and within Stevens Creek. These activities are described in the attached drawings.*

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

*Concrete will be poured at the new intake site. A total of 12 cubic yards of concrete will be installed below ordinary high water mark. Concrete installation will only occur within areas previously isolated from the stream. Freshly poured concrete will not come into contact with surface waters. A total of 422 cubic yards of rip rap, habitat boulders, and angular rock mix (see drawings for matrix) will be used below OHW. Rip rap will be acquired at a local quarry. 390 cubic yards of soils backfill will also be placed.*

*823 cubic yards of soil will be cut from below OHW and 14 cubic yards of rip rap. Total cut will be 837*

*cubic yards.*

*For all project components within the stream construction area (below OHW), there will be a cut of 837 cubic yards of material below OHW and a fill of 824 cubic yards leaving a net cut of 13 cubic yards below OHW.*

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

*Yes. Points of diversion will be changed on water rights but total volume of allowable water usage will not be changed from the existing 30 cubic feet per second. WDFW is now applying to Ecology for a water rights point of diversion modification to the existing water rights documents for this hatchery.*

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

*Yes.*

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

*No waste material will be discharged into surface waters.*

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

*No.*

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

*No domestic or industrial sewage is onsite and no waste material will be discharged from this source.*

c. Water Runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

*The source of runoff at the construction site would be precipitation, which is expected to minimal during the summer construction period. Storm water treatment will not be not changed or affected in any way.*

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

*With the implementation of impact minimization measures, no waste materials are anticipated to enter*

ground or surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Conservation Measures

*Conservation measures will be taken during construction to minimize impacts to fish and wildlife species and habitat. Conservation measures that will be taken include providing dust abatement capabilities and using BMP's to eliminate any erosion potential that may result from storm water during construction periods. The specific measures are:*

- 1. Any storm water runoff will be contained using erosion control Best Management Practices. Specifically, a silt fence will be installed around upland construction sites to filter sediment which may be suspended in runoff water.*
- 2. In-stream work areas will be isolated from surface waters to prevent sediment laden water from impacting waters outside the work area and to protect fish resources.*
- 3. Equipment will be washed before entering the job site and inspected daily for fuel or lubricant leaks.*
- 4. Equipment staging and fueling areas will be completely isolated from surface waters to avoid the possibility of impacts to surface waters resulting from fueling or staging activities.*
- 5. Erosion control seeding and final seeding will be applied to surfaces subject to erosion.*

**4. Plants**

a. Check or circle types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other: cottonwood
- ☒ evergreen tree: fir, cedar, pine, other: spruce, hemlock
- ☒ shrubs
- ☒ grass
- ☐ pasture
- ☐ crop or grain
- ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

*Disturbance of vegetation will be avoided when possible. A small amount of riparian vegetation will need to be removed at the new intake site. Two red alders (30 feet tall) and 50 square feet of mixed willow and salmonberry shrubs will be removed. This vegetation will be mitigated for through riparian plantings and is identified on the drawings.*

c. List threatened or endangered species known to be on or near the site.

*No threatened or endangered plant species are known to occur in this area.*



- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

*Riparian and wetland buffer plantings will be made using native plant species. This will improve habitat quality at this location and mitigate for project effects. Specific plantings are identified on the site plans.*

## 5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: waterfowl

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.

*No endangered species are known to occur near this site. Bull trout may possibly utilize this area for migrating and rearing.*

- c. Is the site part of a migration route? If so, explain.

*Elk, deer and waterfowl use this area as part of a migration route.*

- d. Proposed measures to preserve or enhance wildlife, if any:

*To preserve fish resources, WDFW will schedule this project during periods of minimal use by fish species to avoid any harmful impacts upon fish.*

## 6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

*The completed project will require electricity to power water pumps. Electrical service is available at the hatchery.*

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

*This project will not affect solar energy use.*

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

*No energy conservation features are included and no impacts are anticipated.*

## **7. Environmental health**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

*Materials likely to be present include gasoline and diesel fuel, hydraulic fluid and lubricants. An accidental spill of one these products could occur during project operations.*

- 1) Describe special emergency services that might be required.

*None anticipated.*

- 2) Proposed measures to reduce or control environmental health hazards, if any:

*None.*

## **b. Noise**

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
- None.*
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

*Increased levels of noise during construction activities are expected from this project. Hours of increased noise levels will be 7am to 6pm. No change in noise level is expected from the completed project.*

- 3) Proposed measures to reduce or control noise impacts, if any:

*None planned.*

## **8. Land and shoreline use**

- a. What is the current use of the site and adjacent properties?

*The current site use is as a state salmon hatchery. The adjacent properties are undeveloped.*

- b. Has the site been used for agriculture? If so, describe.

*No agricultural practices occur here.*

c. Describe any structures on the site.

*Current structures on the site include three staff residences, fish rearing ponds, two water intake structures, and adult fish holding pond with a short fish ladder, hatchery building, storage building and two gravel bottom settling ponds.*

d. Will any structures be demolished? If so, what?

*No structures will be demolished.*

e. What is the current zoning classification of the site?

*Rural*

f. What is the current comprehensive plan designation of the site?

*Rural*

g. If applicable, what is the current shoreline master program designation of the site?

*Rural*

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

*No.*

i. Approximately how many people would reside or work in the completed project?

*The Humptulips Hatchery will continue to be staffed at three positions.*

j. Approximately how many people would the completed project displace?

*None*

k. Proposed measures to avoid or reduce displacement impacts, if any:

*None*

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

*This project will be consistent with WDFW hatchery management plans.*

**9. Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

*Housing will not be affected.*

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

*No housing units will be eliminated.*

- c. Proposed measures to reduce or control housing impacts, if any:

*None planned.*

**10. Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

*The intake rails and pumps will extend approximately three feet above ground level.*

- b. What views in the immediate vicinity would be altered or obstructed?

*No views will be affected.*

- c. Proposed measures to reduce or control aesthetic impacts, if any:

*None planned.*

**11. Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

*No change will result in glare.*

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

*This project is not expected to result in safety hazards or altered views.*

- c. What existing off-site sources of light or glare may affect your proposal?

*None*

- d. Proposed measures to reduce or control light and glare impacts, if any:

*None*

## **12. Recreation**

- a. What designated and informal recreational opportunities are in the immediate vicinity?

*There are fishing and wildlife viewing opportunities near this site. The immediate site is closed for fishing year round.*

- b. Would the proposed project displace any existing recreational uses? If so, describe.

*No recreational activities will be permanently displaced. The sites will be closed for a one month period during construction, but adjacent areas will still be available for recreation.*

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

*WDFW does not allow fishing in this area. Public viewing of salmon will not be affected since this project will be completed.*

## **13. Historic and cultural preservation**

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

*The Washington State Department of Archaeology and Historic Preservation records database was checked to ensure that no currently listed objects or places occur at this site. A cultural resource assessment was also performed by a professional archaeologist to protect against possible damage and loss of cultural resources. No significant findings were encountered.*

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

*None are known.*

- c. Proposed measures to reduce or control impacts, if any:

*No measures necessary as determined by the cultural resource report.*

## **14. Transportation**

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

*Kirkpatrick Road off US Highway 101 services this site.*

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

*The site is not served by public transit. The nearest stop is 2 miles away at Humptulips.*

- c. How many parking spaces would the completed project have? How many would the project eliminate?

*The project will not affect or alter parking spaces.*

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

*This project will not impact any roads.*

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

*No*

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

*No additional vehicle trips are anticipated to result from this project.*

- g. Proposed measures to reduce or control transportation impacts, if any:

*None*

#### **15. Public services**

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

*No*

- b. Proposed measures to reduce or control direct impacts on public services, if any.

*None*

#### **16. Utilities**

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed:

*No utilities will be added or changed as a result of this project.*

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: .....

Date Submitted: .....

*Marty Peoples*  
*December 6, 2013*

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

*This proposal would not increase any items listed above.*

Proposed measures to avoid or reduce such increases are:

*None proposed.*

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

*This proposal would not likely result in any change to plant, animal, fish or marine life.*

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

*No measures proposed.*

3. How would the proposal be likely to deplete energy or natural resources?

*No effect on energy or natural resources.*

Proposed measures to protect or conserve energy and natural resources are:

*No measures proposed.*

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

*This proposal is not likely to affect areas listed above.*

Proposed measures to protect such resources or to avoid or reduce impacts are:

*No measures proposed.*



5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

*This proposal will not alter shoreline or land use.*

Proposed measures to avoid or reduce shoreline and land use impacts are:

*No measures proposed.*

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

*Not applicable.*

Proposed measures to reduce or respond to such demand(s) are:

*No measures proposed.*

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

*This proposal does not conflict with environmental protection laws or requirements.*